Rease File 50170047

To: Allisa, Brown Brothers Construction

Fax 435-836-2870

From: Paul Baker, Division of Oil, Gas and Mining

Phone: 801-538-5261, Fax: 801-359-3940, e mail paulbaker@utah.gov

Here's my seed mix recommendation for the Big Thomson Pit:

Species	Pounds Pure live seed/acre
Galleta	1
Indian Ricegrass	1
Crested Wheatgrass	2
Russian Wild Rye	2
Shadscale	3
Castle Valley Clover	1

This is only a recommendation. The most important species in the mix is shadscale—don't drop it because of cost (although it shouldn't be too bad). Second is Castle Valley clover.

It's important that you do this right the first time and that it is <u>documented</u>. Take pictures and keep track of seed tags. Don't postpone the reclamation until spring. The later it gets, the less are your chances of success.

If there is any topsoil, gravel, or rock that you can put back on the surface, do it. The surface should be left very rough (gouging with a trackhoe or ripping), and the site should be seeded as soon as possible after surface preparation.

I anticipate revegetation is going to be very difficult at this site, but our regulations have a provision for releasing surety if an operator has done everything practical to complete the reclamation work. That's why I suggest documenting everything you do.